EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	6	l4 and ((vibrat$3 or shak$3) same cylinder same piston)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/20 08:00
L5	133	l4 and (vibrat$3 or shak$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/20 07:54
L4	736	(56/327.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 07:50
L3	65	(complex time variable signal codes) and (vibrat$5)	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2009/07/20 06:45
L2	0	(complex time variable signal codes) and (vibrat$5)	US-PGPUB; USPAT; USOCR; EPO	NEAR	ON	2009/07/20 06:44
L1	0	(complex time variable signal codes) and (vibrat$5 same shak$3)	US-PGPUB; USPAT; USOCR; EPO	NEAR	ON	2009/07/20 06:43
S143	1	("7310930").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/17 16:41
S142	1	("7310910").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/17 16:40
S141	1	("5074108").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/17 13:26

S140	18	(56/328.1.ccls. or 56/340.1.ccls.) and (react$4 same mass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/17 13:25
S139	139	(56/328.1.ccls. or 56/340.1.ccls.) and mass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/17 13:25
S138	52	((reaction or reactive) same mass) and shak$3 and vibrat$4 and unidirection$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/17 11:57
S137	1974	((reaction or reactive) same mass) and shak$3 and vibrat$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/17 11:23
S136	331	56/340.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/17 11:15
S135	28	("2506736" | "2754687" | "3041811" | "3044310" | "3121304" | "3307434" | "3392517" | "3406508" | "3509702" | "3594999" | "3596455" | "3771768" | "3780510" | "3913409" | "4031626").PN. OR ("4170100").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 11:01
S134	1	("4170100").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/17 10:57
S133	15	("3310128" | "3550719" | "3779335" | "3800907" | "3884324" | "4108271" | "4116300").PN. OR ("4316521").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 10:39

S132	27	("3557900" | "3905446" | "4011923" | "4108271" | "4114722" | "4116300" | "4118994" | "4135598" | "4271923" | "4316521" | "4341282" | "4388981" | "4390077" | "4402381" | "4492285" | "4700804" | "4770269" | "4799572" | "4959818" | "5000285" | "5018598" | "5229554" | "5401919" | "5666328" | "5967297" | "6065562" | "6460803").PN. OR ("7364008").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 10:33
S131	2	"20050252711"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/17 10:32
S130	20	("3106982" | "3270832" | "3306391" | "3690402" | "3866709" | "3884324" | "3929206").PN. OR ("4114722").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 10:31
S129	20	("3106982" | "3270832" | "3306391" | "3690402" | "3866709" | "3884324" | "3929206").PN. OR ("4114722").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 09:48
S128	27	("3282372" | "3287696" | "3866709" | "3934673" | "3983957" | "4033429" | "4040003" | "4144949" | "4207619" | "4252209" | "4388981" | "4675852" | "4703343" | "4805725" | "4965774" | "4991685" | "5031158" | "5063542").PN. OR ("5382760").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 09:29

S127	20	("3280938" | "3282372" | "3363720" | "3550719" | "3578102").PN. OR ("3866709").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 09:27
S126	20	("3106982" | "3270832" | "3306391" | "3690402" | "3866709" | "3884324" | "3929206").PN. OR ("4114722").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 09:22
S125	1	("4705137").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/17 09:12
S124	11	("3034594" | "3280935" | "4631964" | "4705137" | "4853906").PN. OR ("4959818").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 09:08
S123	27	("3557900" | "3905446" | "4011923" | "4108271" | "4114722" | "4116300" | "4118994" | "4135598" | "4271923" | "4316521" | "4341282" | "4388981" | "4390077" | "4402381" | "4492285" | "4700804" | "4770269" | "4799572" | "4959818" | "5000285" | "5018598" | "5229554" | "5401919" | "5666328" | "5967297" | "6065562" | "6460803").PN. OR ("7364008").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 09:02
S122	6	("20080123471" | "2776560" | "4159464" | "5172345" | "7136325").PN. OR ("7477573").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 08:43
S121	304	367/189,190.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 08:38

S120	8	("3593335" | "4106586" | "4388981" | "4450928" | "4641725").PN. OR ("4785430").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/17 08:22
S119	15	(sweep same frequency same vibrator) and shaker	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/17 08:15
S118	27	("3045476" | "3141325" | "3208550" | "3216525" | "3761874" | "3840090" | "3854118" | "3881167" | "4049077" | "4063613").PN. OR ("4184144").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 17:26
S117	13	("4004267" | "4106586" | "4388981" | "4450928" | "4512001" | "4680741" | "4692912" | "4706231" | "4724532" | "4855967" | "4922473" | "5115880" | "5137109").PN. OR ("5331607").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 17:20
S116	12	("3208550" | "3216525" | "3516510" | "4049077" | "4184144").PN. OR ("4706231").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 17:12
S115	17	S114 and (cylinder same piston)	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 17:09
S114	919	((reaction or sliding) same mass) same shaker	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 17:09
S113	607	S105 and (cylinder same piston)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/16 16:13

S112	35	("1802987" | "2632331" | "2875731" | "3023628" | "3845827" | "4276941" | "4279091" | "4346768" | "4385665" | "4442906" | "4478293" | "4567951" | "4592431" | "4984640" | "4991664" | "5355964" | "5511533" | "6000310" | "6015017" | "6112830" | "6415876" | "6488195" | "6763897" | "6907943" | "7096973" | "7252157").PN. OR ("7331407").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 15:56
S110	1	("7331407").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/07/16 15:49
S109	459	linear vibrator generator	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 14:41
S108	17	linear vibrator generator hydraulic	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 12:58
S107	4507	((reaction or sliding) same mass) same vibration	US-PGPUB; USPAT; USOCR	SAME	ON	2009/07/16 12:46
S105	4687	((reaction or sliding) same mass) same vibration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/16 12:45
S103	14	S98 and S102	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 18:05
S102	43192	((reaction or sliding) same mass) and (vibrat$3 or shak$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 18:05

S101	2	(jackhammer same pavement) and ((reaction or sliding) same mass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 18:00
S100	21	jackhammer and ((reaction or sliding) same mass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:58
S99	751	jackhammer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:58
S98	492	172/40.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:56
S97	792	(piston same cylinder same (sliding or slide or slidable) same mass) and (vibrat$4 or shake?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:54
S96	1189	(piston same (sliding or slide or slidable) same mass) and (vibrat$4 or shake?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:54
S95	32317	((reaction) same mass) and (vibrat$4 or shake?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:54
S94	9666	((sliding or slide or slidable) same mass) and (vibrat$4 or shake?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:53
S93	51164	(sliding or slide or slidable) same mass	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/15 17:53
S92	141	crop same pickup same header and ("56"/$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/09 11:08

S91	0	crop same pickup same header same ("56"/$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/09 11:08
S90	94	74/828.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/09 10:00
S89	167	friction same teflon same hydraulic same cylinder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/07 17:01
S88	5717	friction same reduc$g same cylinder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/07 17:00
S87	96	vibrat$3 and (piston same cylinder same slide same cage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/07/07 16:35
S86	324	vibrat$3 same piston same cylinder same slide	US-PGPUB; USPAT	SAME	ON	2009/07/07 12:13
S85	1678	vibrat$3 same piston same cylinder same slide	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2009/07/07 12:13
S83	0	S80 and shake	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2009/06/30 08:19
S82	1	S80 and shaker	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2009/06/30 08:19
S81	3510	vibrat$3 same piston same cylinder same (cage or bar or frame)	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2009/06/30 08:19
S79	159	vibrat$3 same piston same cylinder same cage	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2009/06/30 08:19
S78	1	"4255919".PN.	USPAT; USOCR	SAME	ON	2009/06/30 07:26

S77	1	("5842333").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/30 07:16
S76	25	vibrat$3 same reaction same mass same cage	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2009/06/29 16:31
S75	607	S74 and (vibratory or vibration or vibrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 16:00
S74	4008	piston same cylinder same (cage or frame or support) same (friction same reduc$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 16:00
S73	146226	piston same cylinder same (cage or frame or support)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 15:59
S72	5458	piston same cylinder same cage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 15:58
S71	16	vibrat$5 same cylinder same (cage or bar) same teflon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 15:52
S70	22	("20040079065" | "3225529" | "3225539" | "3406508" | "3460329" | "3570230" | "3771301" | "3793815" | "4128986" | "4223515" | "4254608" | "4893459" | "5413453" | "5473875" | "6658834" | "6945022" | "6978591").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 15:22
S69	166	vibrat$5 same cylinder same slid$3 same (cage or bar) same friction	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 14:54

S68	1309	vibrat$5 same cylinder same slid$3 same (cage or bar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 14:52
S67	4777	vibrat$5 same cylinder same (cage or bar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/29 14:51
S66	13	(vibrat$5 same (fruit or olive or tree)) and (cage same bar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/25 17:21
S65	48374	vibrat$5 same (cage or bar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	SAME	ON	2009/06/25 17:21

EAST Search History (Interference)

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7/20/2009 8:01:31 AM
C:\ Documents and Settings\ jmisa\ My Documents\ EAST\ Workspaces\ Leaf Stripper - Vibrating\ 10587151 - Device for Picking Fruit.wsp